

Amendments to the Claims

This listing of the claims will replace all prior versions and listings of the claims.

Listing of Claims:

1-11. (canceled)

12. (original) The isolated polypeptide of claim 11, wherein the secreted form or the full length protein comprises sequential amino acid deletions from either the C-terminus or the N-terminus.

13-24. (canceled)

25. (New) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:

(a) a polynucleotide encoding amino acid residues 1 to 142 of SEQ ID NO:63; and

(b) a polynucleotide encoding the amino acid sequence of the complete polypeptide encoded by the HLMIG83 cDNA contained in ATCC Deposit No. PTA-725.

26. (New) The isolated nucleic acid molecule of claim 25 which comprises polynucleotide (a).

27. (New) The isolated nucleic acid molecule of claim 25 which comprises polynucleotide (b).

28. (New) The isolated nucleic acid molecule of claim 25 which further comprises a heterologous polynucleotide sequence.

29. (New) The isolated nucleic acid molecule of claim 28 wherein said heterologous polynucleotide sequence encodes a heterologous polypeptide sequence.

30. (New) A recombinant vector comprising the isolated nucleic acid molecule of claim 25.

31. (New) The recombinant vector of claim 30, wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.

32. (New) A method of producing a recombinant vector comprising inserting the isolated nucleic acid molecule of claim 25 into a vector.

33. (New) A recombinant host cell comprising the isolated nucleic acid molecule of claim 25.

34. (New) A recombinant host cell comprising the recombinant vector of claim 30.

35. (New) A method for producing a protein, comprising:

(a) culturing the host cell of claim 33 under conditions suitable to produce a polypeptide encoded by the nucleic acid molecule of claim 25; and

(b) recovering the protein from the cell culture

36. (New) A composition comprising the isolated nucleic acid molecule of claim 25 and a carrier.